

# Microelectronics JEDEC B113 Test Fixtures | CP108798, CP108264, CP111414, CP113112, CP118691

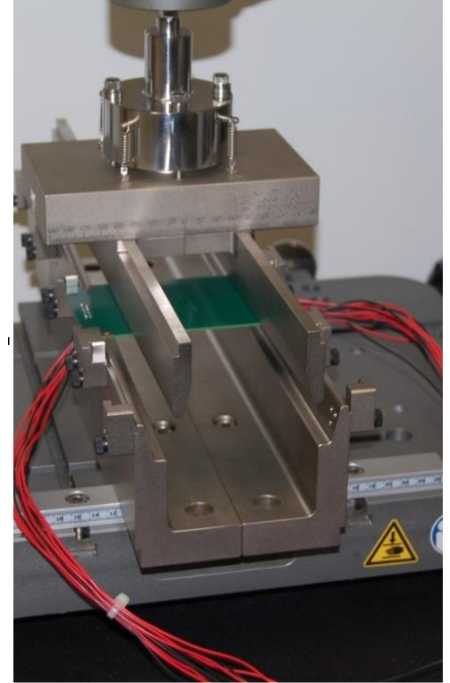
## Description

Board Level mechanical testing for the microelectronics industries are essential quality control tests for the microelectronics packaging industries. They provide testing data to support the performance of IC components against interconnect failures during shipping, handling and also in end use products where cyclic stresses and shock from impact are experienced.

The JEDEC JESD22B113 test method is to evaluate and compare the performance of surface mount electronic components in an accelerated test environment for handheld electronic products applications by using a specified 4-point cyclic bending test method at 1~3Hz frequency.

## Features

- Conforms to JEDEC JESD22B113 standard
- Capable of testing multiple specimens limited by total anvil width of 400mm e.g. Four JEDEC B113 standard PWBs (132 by 77mm) simultaneously
- Easy setup of removable specimen stops to prevent undesired drifting of specimen during cyclic tests
- The integral spherical seat is designed in the upper anvil assembly to make the anvils alignment very easy
- Ruler is designed for CP111414, CP113112 & CP118691 fixtures to allow setting to a wide range of specimen widths and supporting spans for other 4-point bend test, e.g. to JEDEC 9702



CP111414 4-point bend fixture to JESD22B113 and JEDEC 9702

## Specifications

		CP108798	CP108264	CP111414	CP113112	CP118691
Maximum Load	kN	1	1	3	3	3
	lbf	225	225	674.4	674.4	674.4
Upper Anvil Radii	mm	3	3	3	3	3
Lower Anvil Radii	mm	3	3	3	3	3
Anvil Width	mm	400	400	400	400	400
Max. Upper Span	mm	75 (fixed)	75 (fixed)	75 (fixed)/150	75 (fixed)/160	75 (fixed)/150
Max. Lower Span	mm	110 (fixed)	110 (fixed)	110 (fixed)/225	110 (fixed)/260	110 (fixed)/225
Upper Span Adjustable		No	No	Yes	Yes	Yes
Lower Span Adjustable		No	No	Yes	Yes	Yes
Temperature	° C	Ambient	Ambient	Ambient	Ambient	Ambient
Upper Interface	-	M6 thread	M6 thread	M6 thread	M6 thread	Three M6 screws on 57mm PCD*
Lower Interface	-	Direct to E1000 Base	Direct to E3000 Base	Direct to E1000/E3000 Base	Direct to E1000/E3000 Base	Direct to E3000NB Base
Compliance to Standard	-	JESD22B113	JESD22B113	JESD22B113 & JEDEC 9702	JESD22B113 & JEDEC 9702	JESD22B113 & JEDEC 9702

\*Note: Attachment Kit 8000-127 is required.

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